



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090155-A

Mode: Highway

Status: Submitted

NC-191

From/Cross Street: US 25

Specific Improvement Type: 1 - Widen Existing Roadway

To: SR 1381 (Mountain Road)

Project Category: Regional Impact

Length: 2.78

TIP#: R-2588A

Fully Funded in Draft STIP? No

Cost to NCDOT: \$35,777,000

Description:

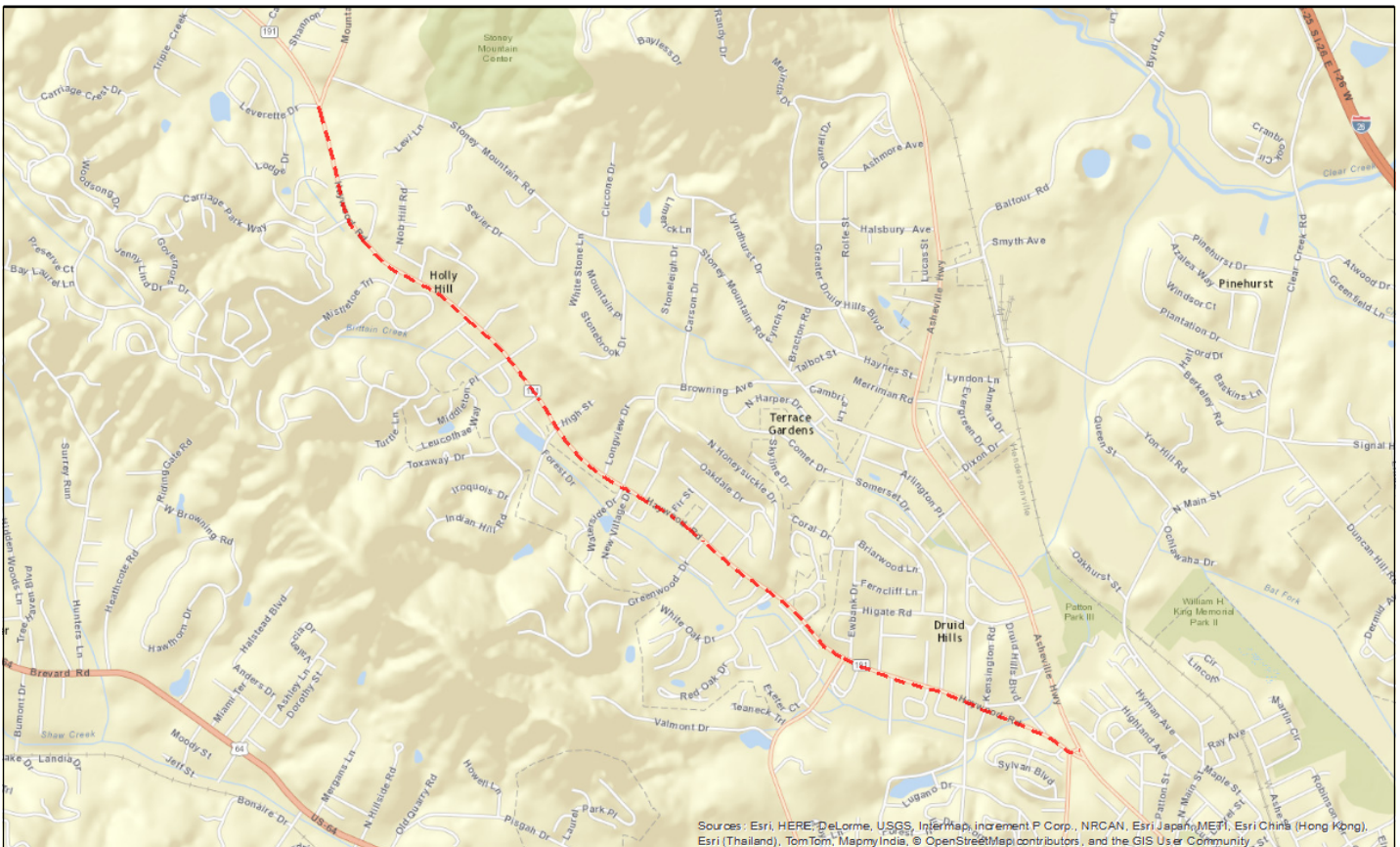
US 25 in Hendersonville to NC 280 South of Mills River. Widen to Multi-Lanes. Section A: US 25 to SR 1381 (Mountain Road).

Division(s): Division 14

County(s): HENDERSON

MPOS(s)/RPO(s): French Broad River MPO

Project Location



Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 36.57

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (10%) 74.55 [Travel Time] Benefit/Cost (25%) 3.24 Accessibility / Connectivity (10%) 24.21 Congestion (V/C) (25%) 43.55	Percent: 15% Points: 0	Percent: 15% Points: 100
Totals: Weight: 70% Weighted Score: 21.57		

Division Needs Total Score: 16.81

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 43.55 Safety (10%) 74.55 [Travel Time] Benefit/Cost (20%) 3.24	Percent: 25% Points: 0	Percent: 25% Points: 0
Totals: Weight: 50% Weighted Score: 16.81		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	42
Length (miles):	2.78
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	11
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	10376.29
Capacity:	15800.08
Volume/Capacity Ratio:	0.66
% Autos:	95%
% Trucks:	5%
Truck Volume:	489.68
Crash Density:	78.57
Crash Severity:	81.85
Critical Crash Rate:	63.25
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	20
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	73
Actual Congested Speed:	0
Travel Time Index:	0

Project Benefits

Project Cross-Section:	4B - 4 Lane Divided (23' Raised Median) with Paved Shoulders and Sidewalks
Speed Limit:	45
Length (miles):	2.78
Facility Type:	Multi-Lane Highway
Access Control:	Partial
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	5170102.87
Travel Time Savings for 30 Years (Autos):	4926116.76
Travel Time Savings for 30 Years (Trucks):	243986.11
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 14

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 14	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
French Broad River MPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$18,810,000	TIP Unit
Right-of-Way Cost:	\$15,149,000	Cost Estimation Tool
Utilities Cost:	\$1,818,000	Cost Estimation Tool
Total Project Cost:	\$35,777,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$35,777,000	